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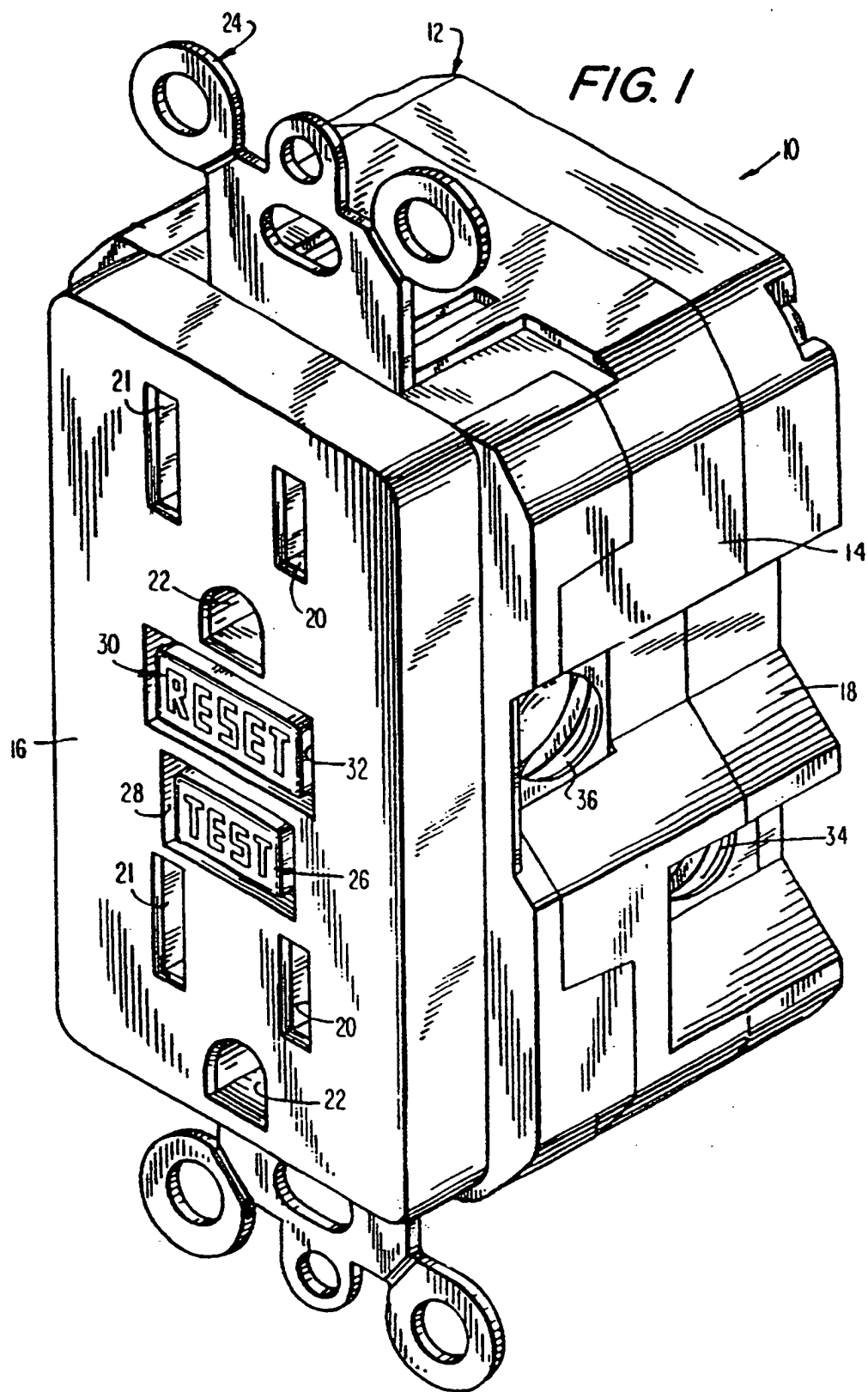
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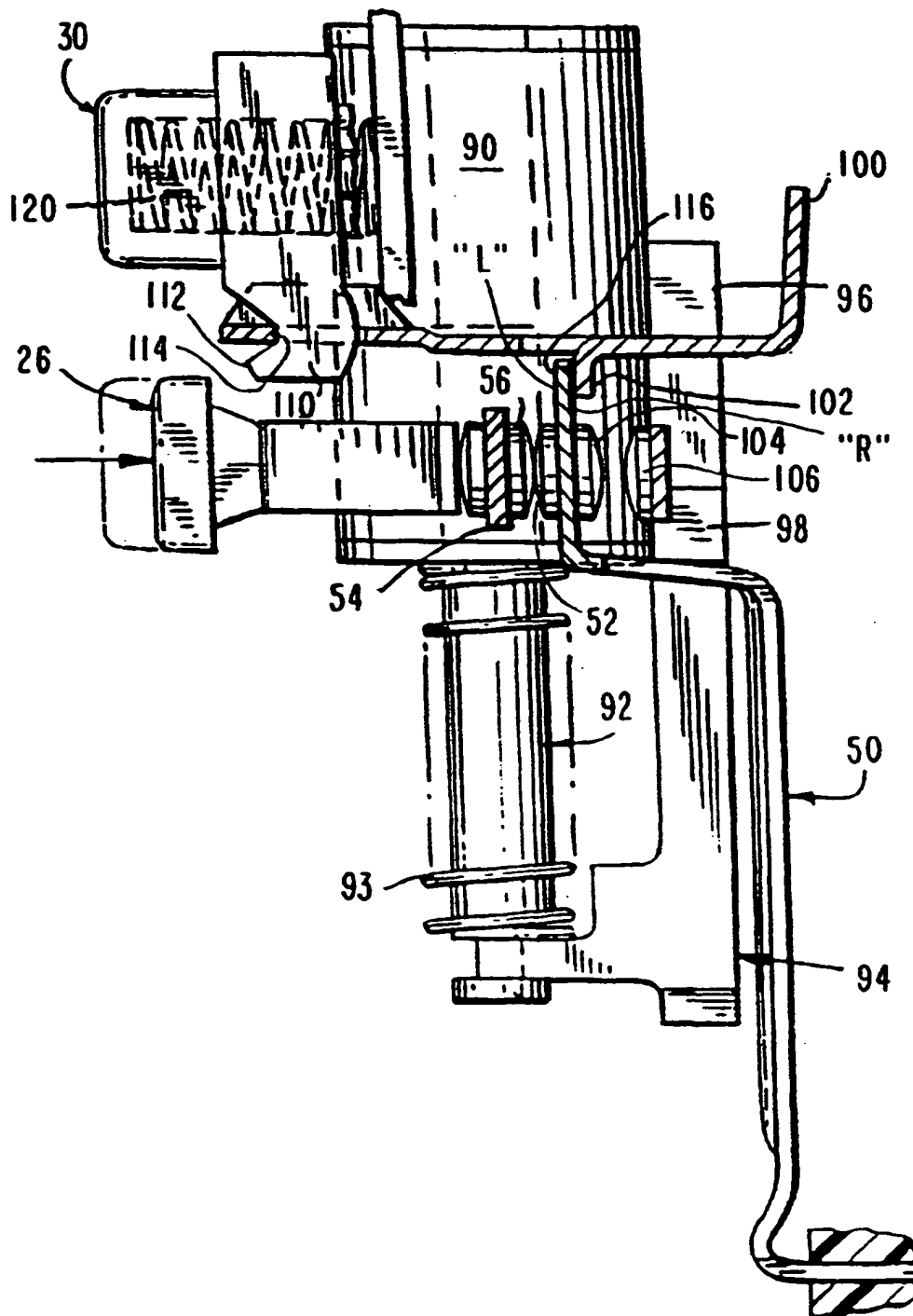
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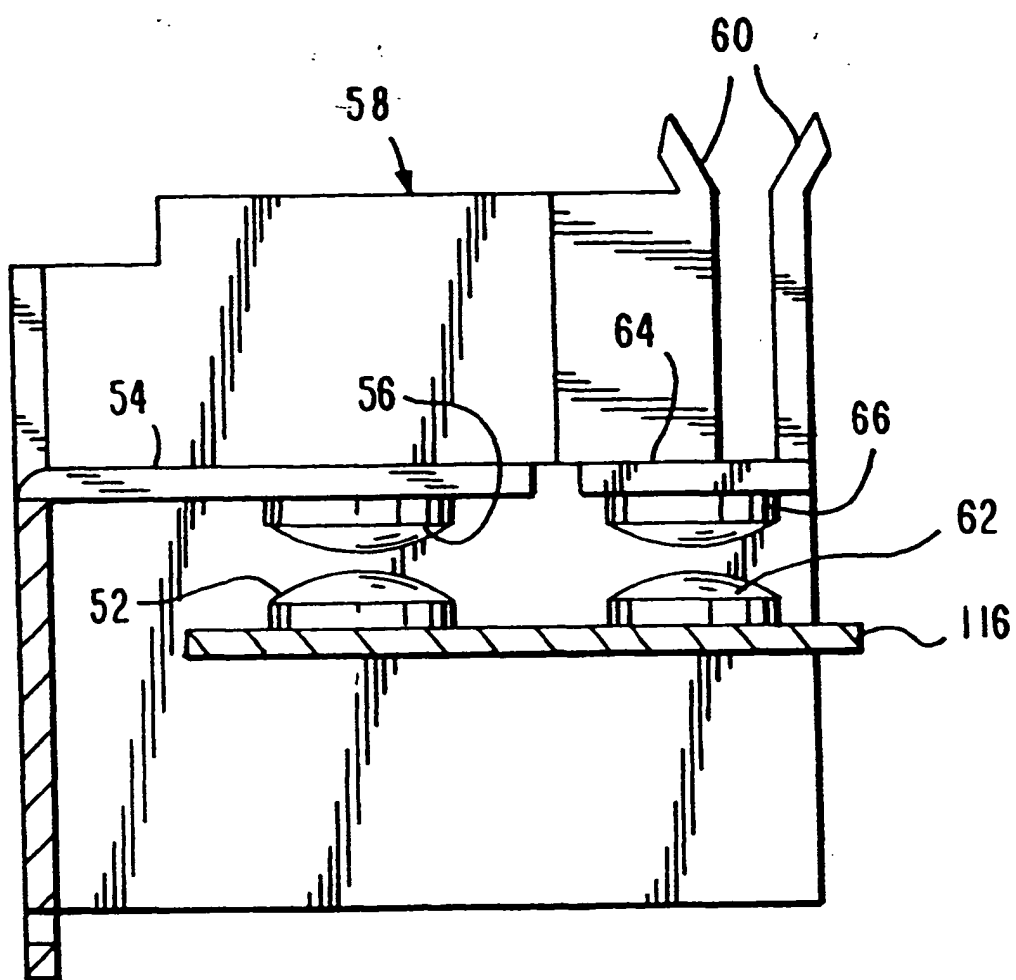
**FIG. 2**



[illegible]



*FIG. 5*



**FIG. 6**

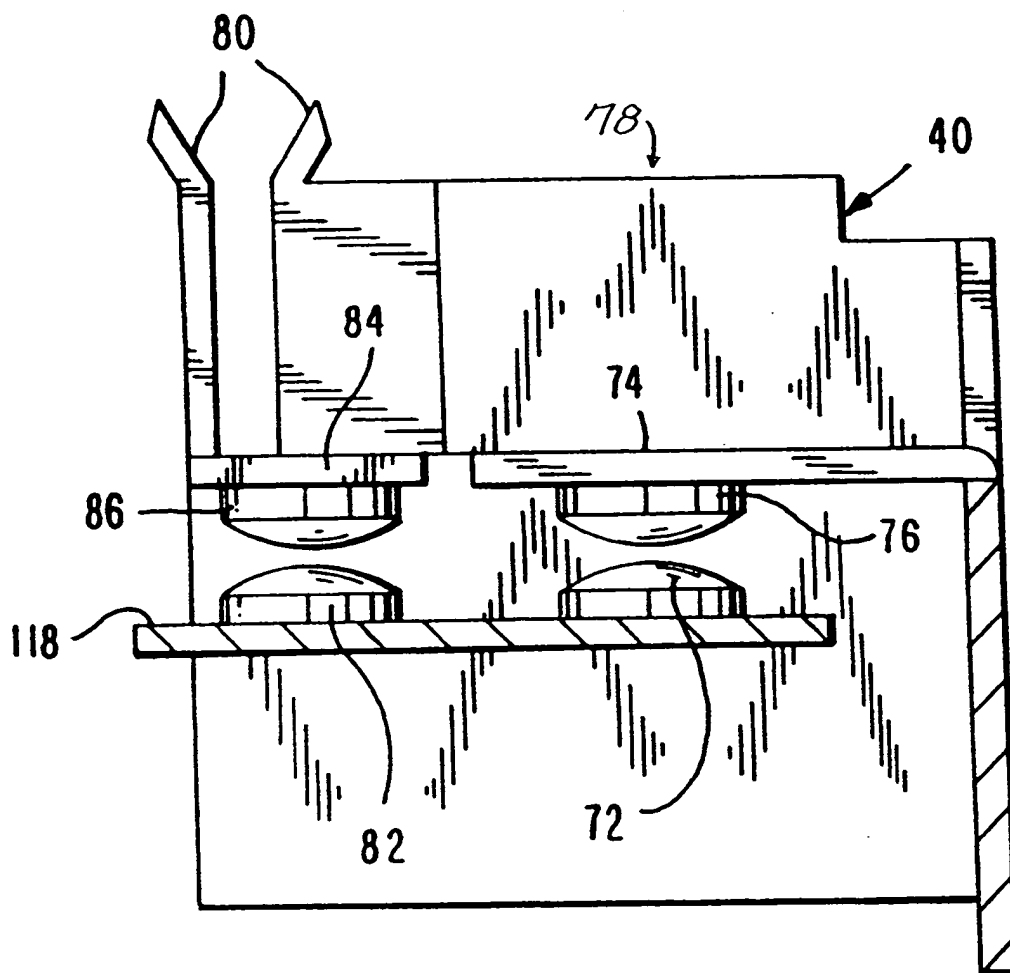


FIG. 7

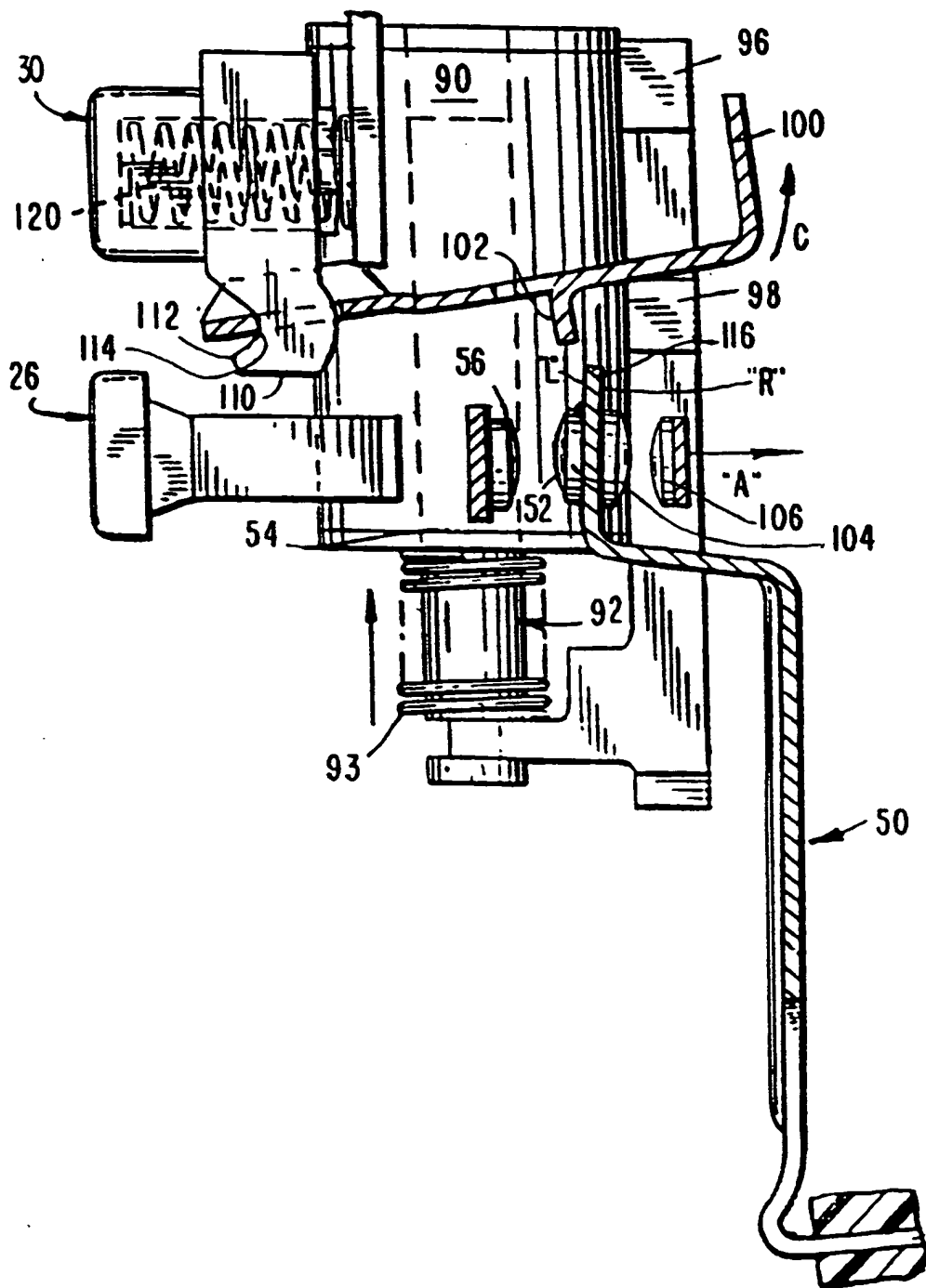
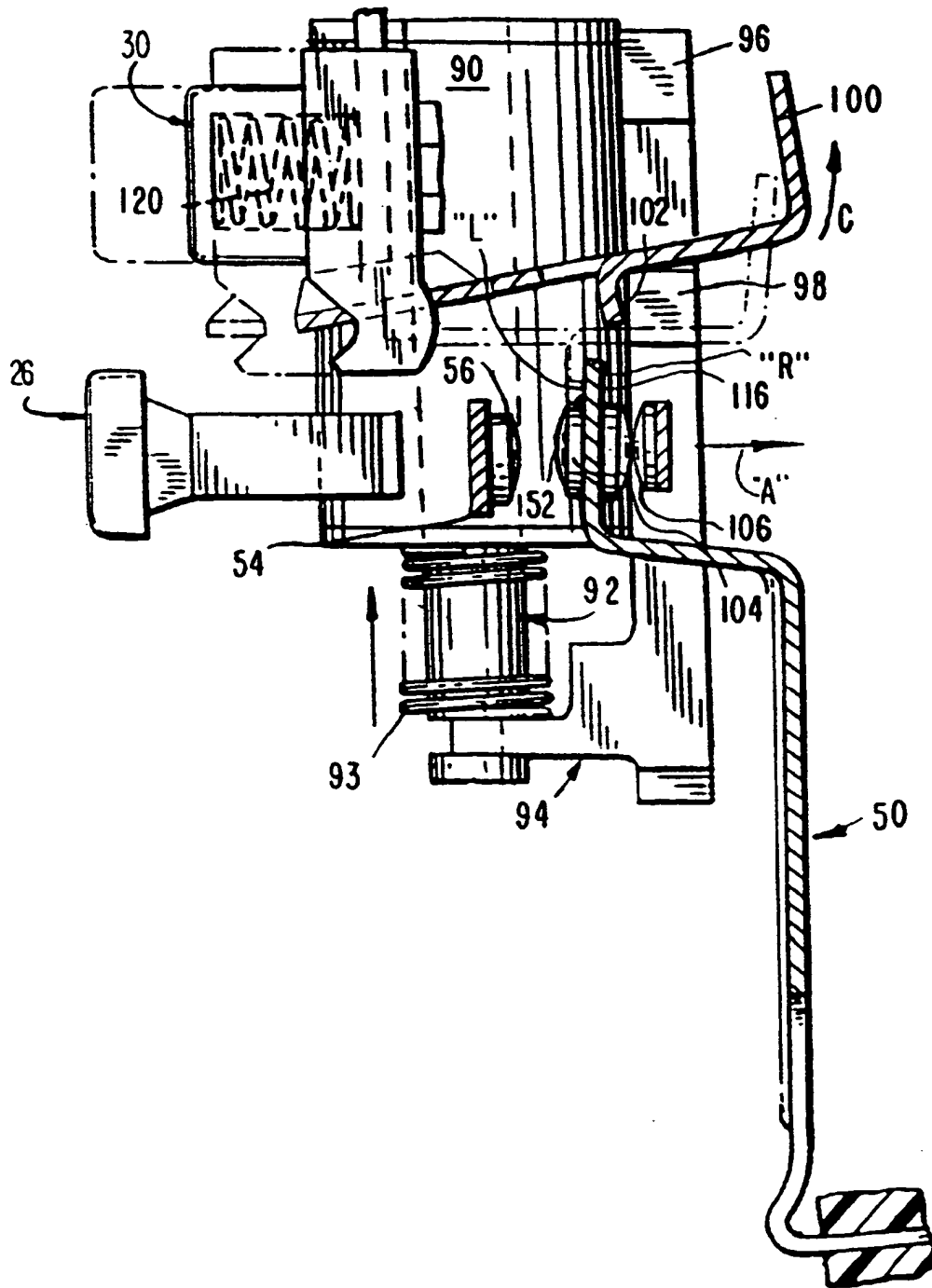




FIG. 8





**FIG. 10**

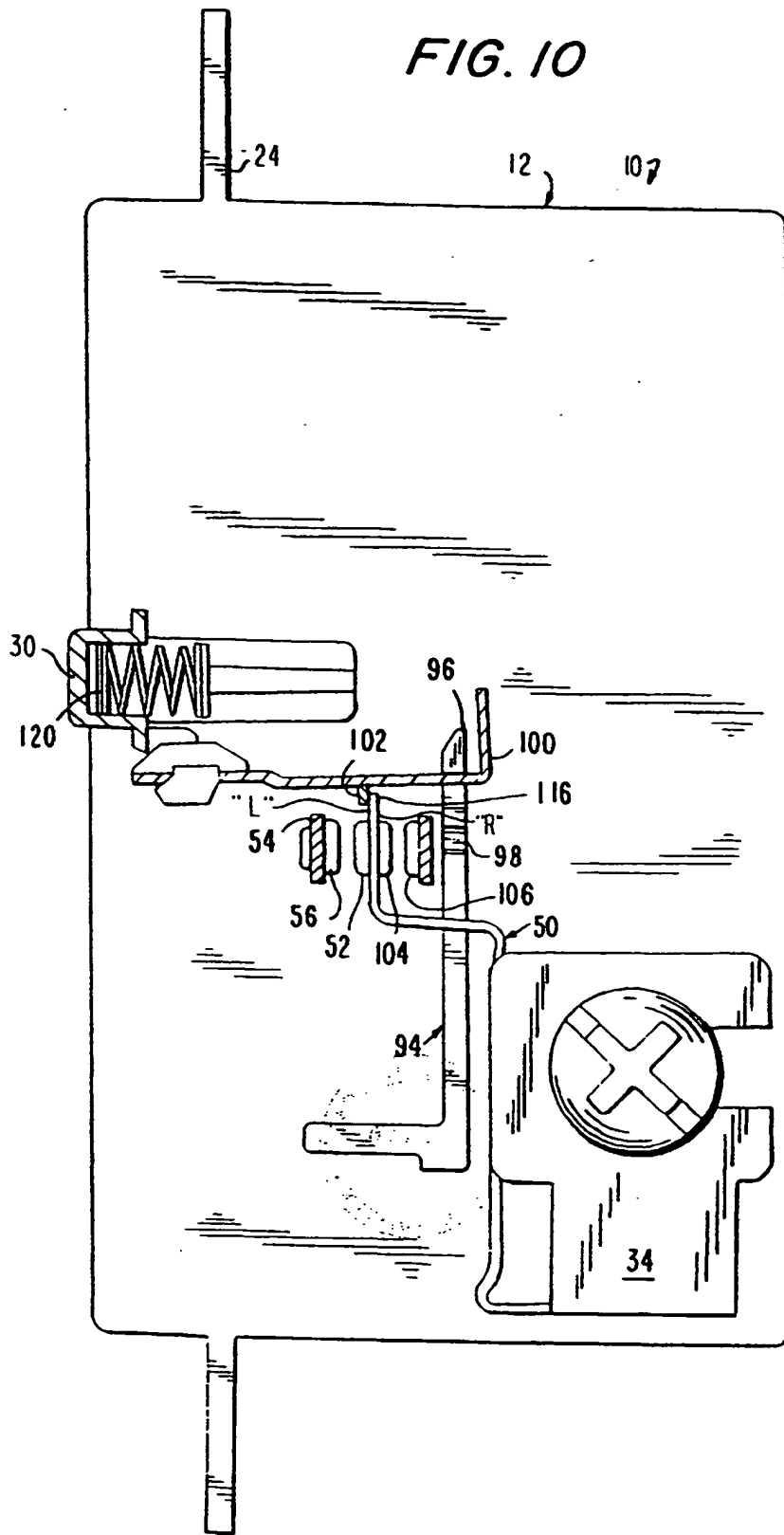
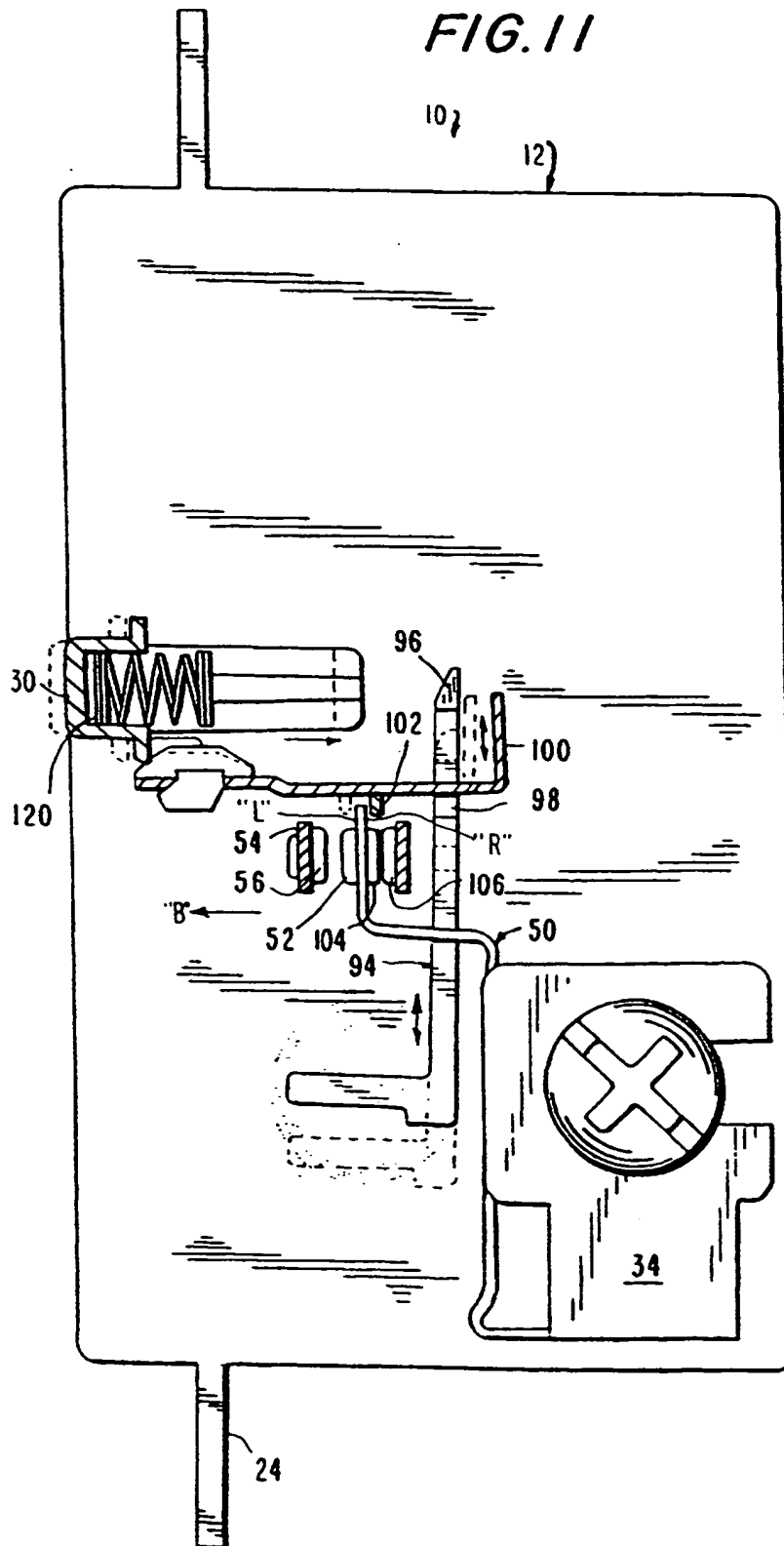


FIG. 11



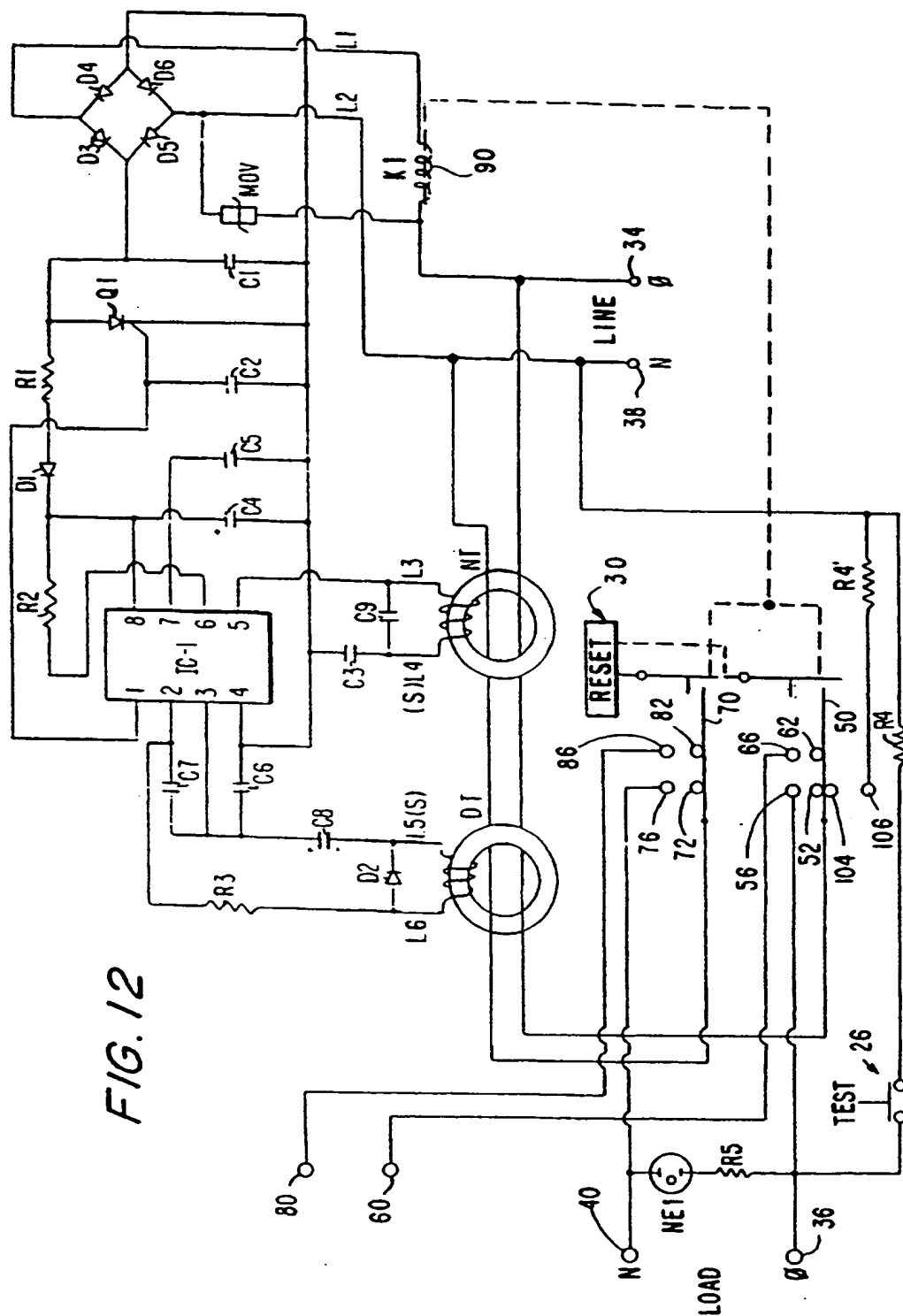


FIG. 12

FIG. 13

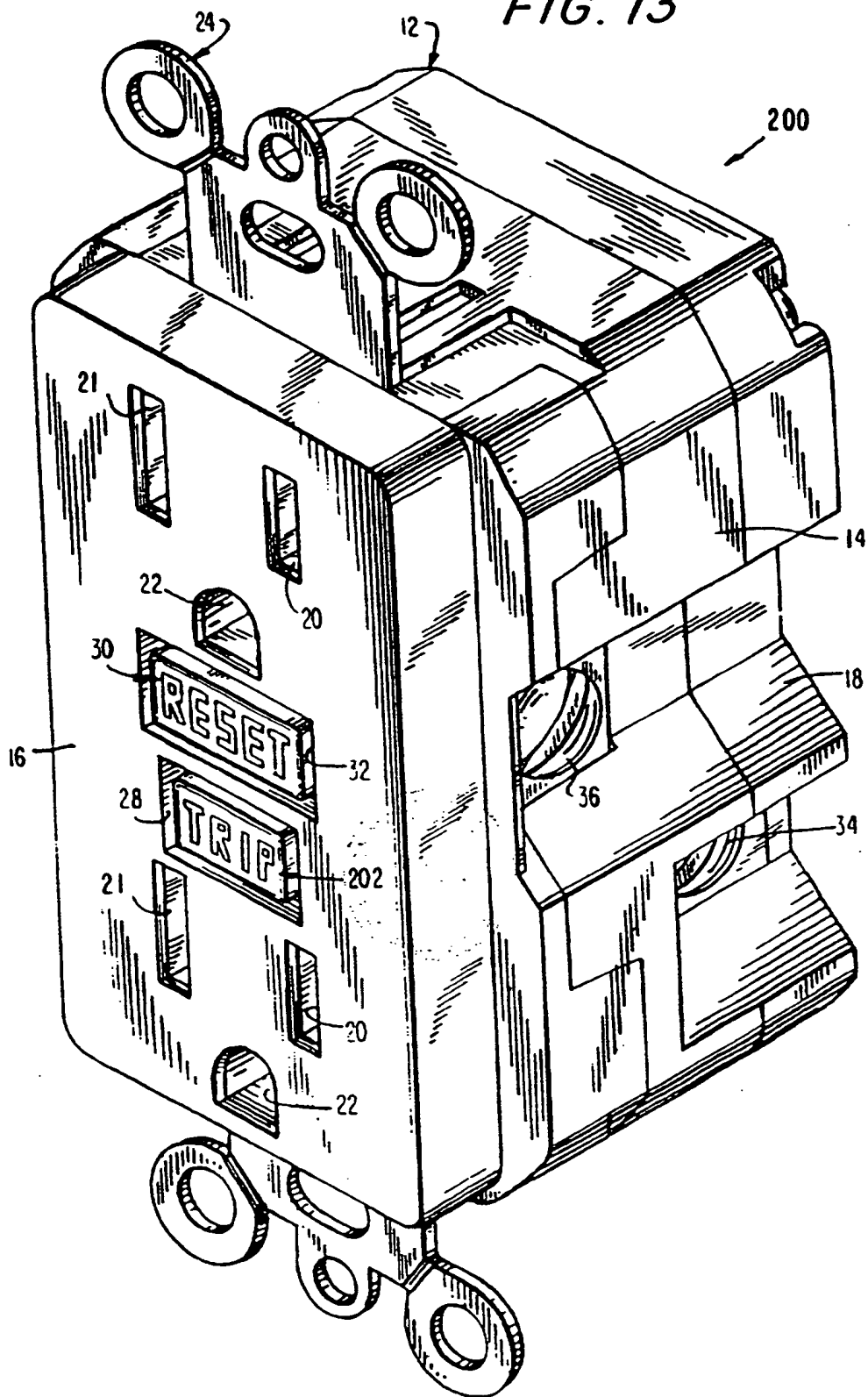


FIG. 14

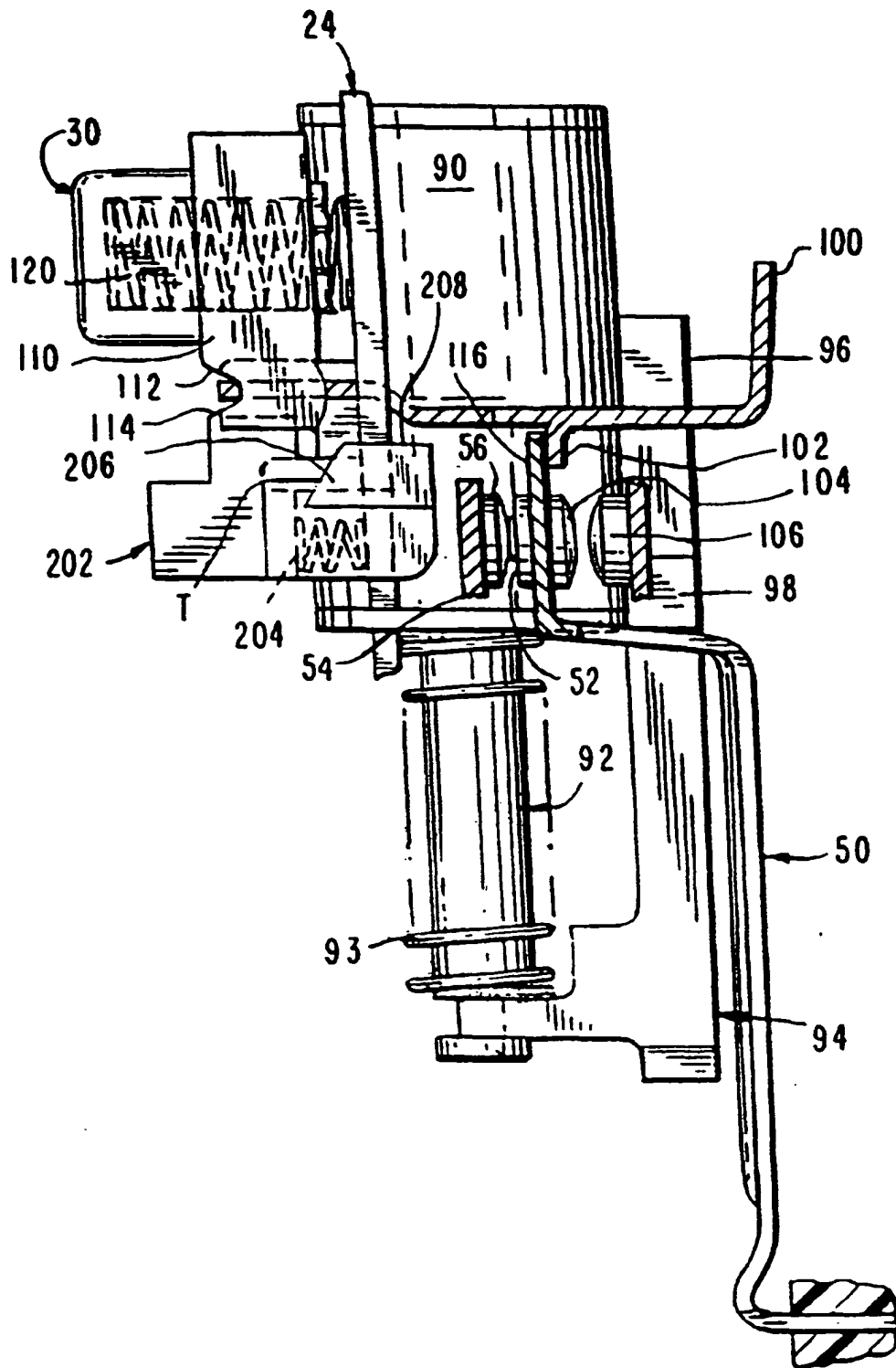


FIG. 15

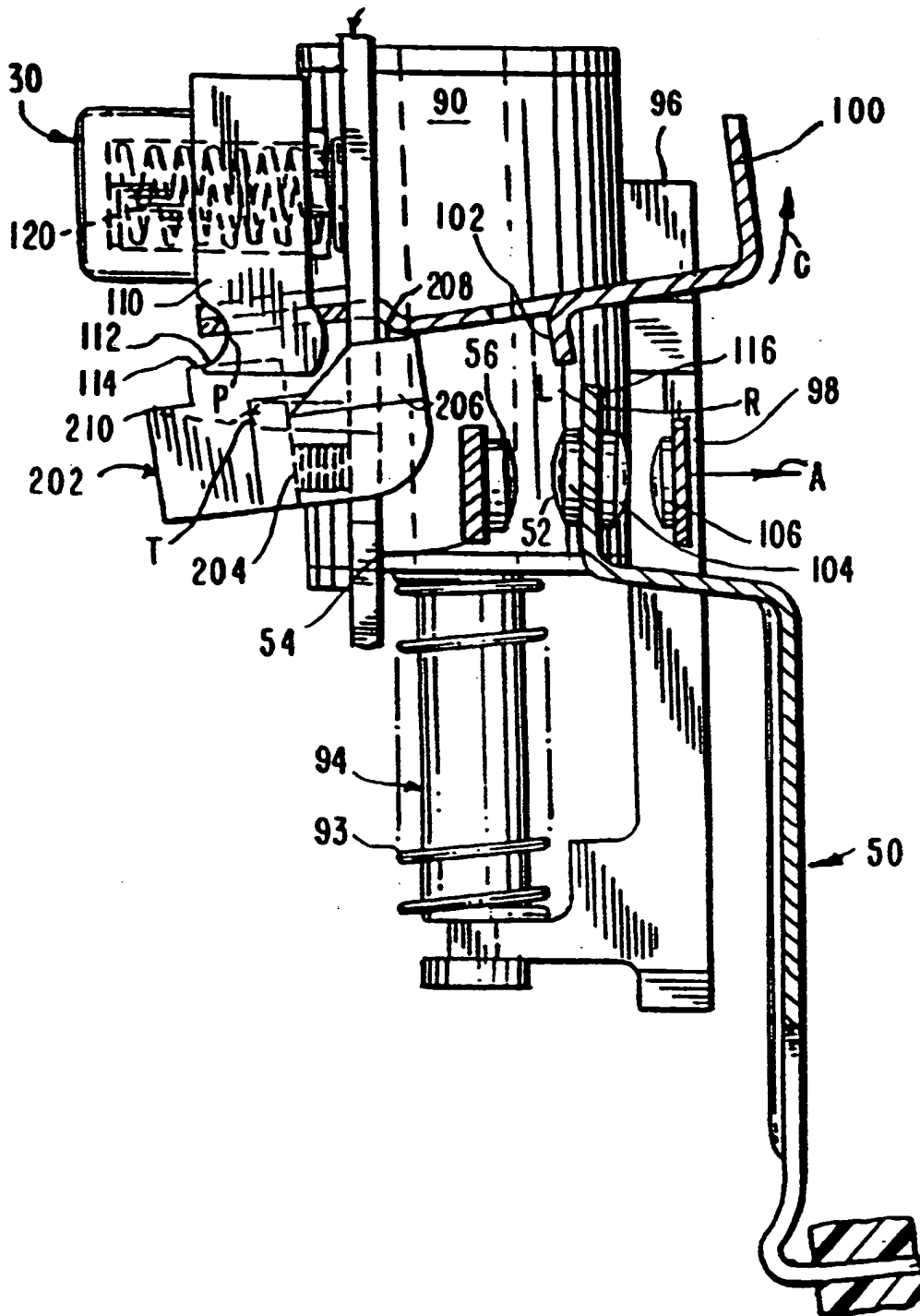




FIG. 16

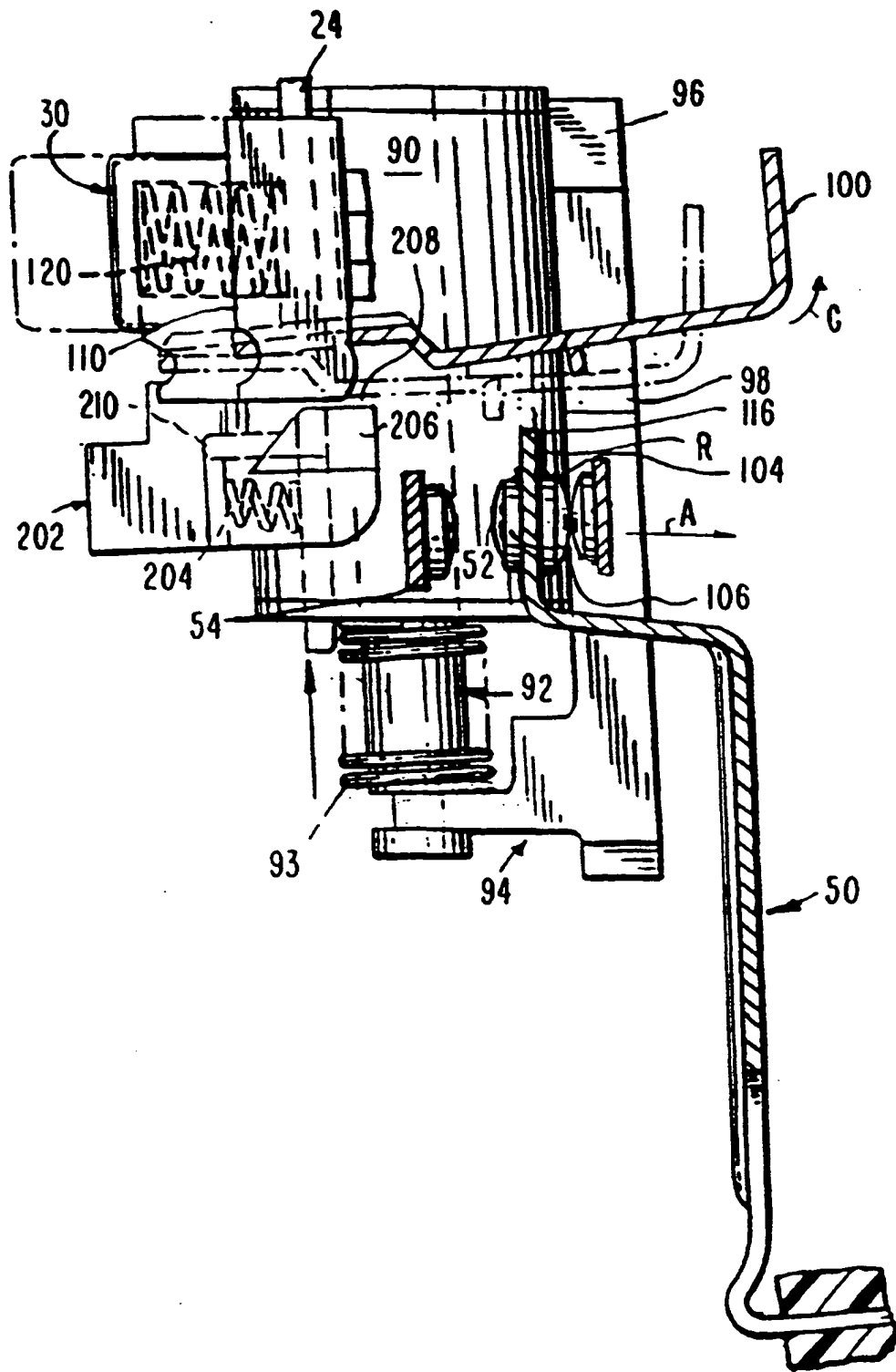
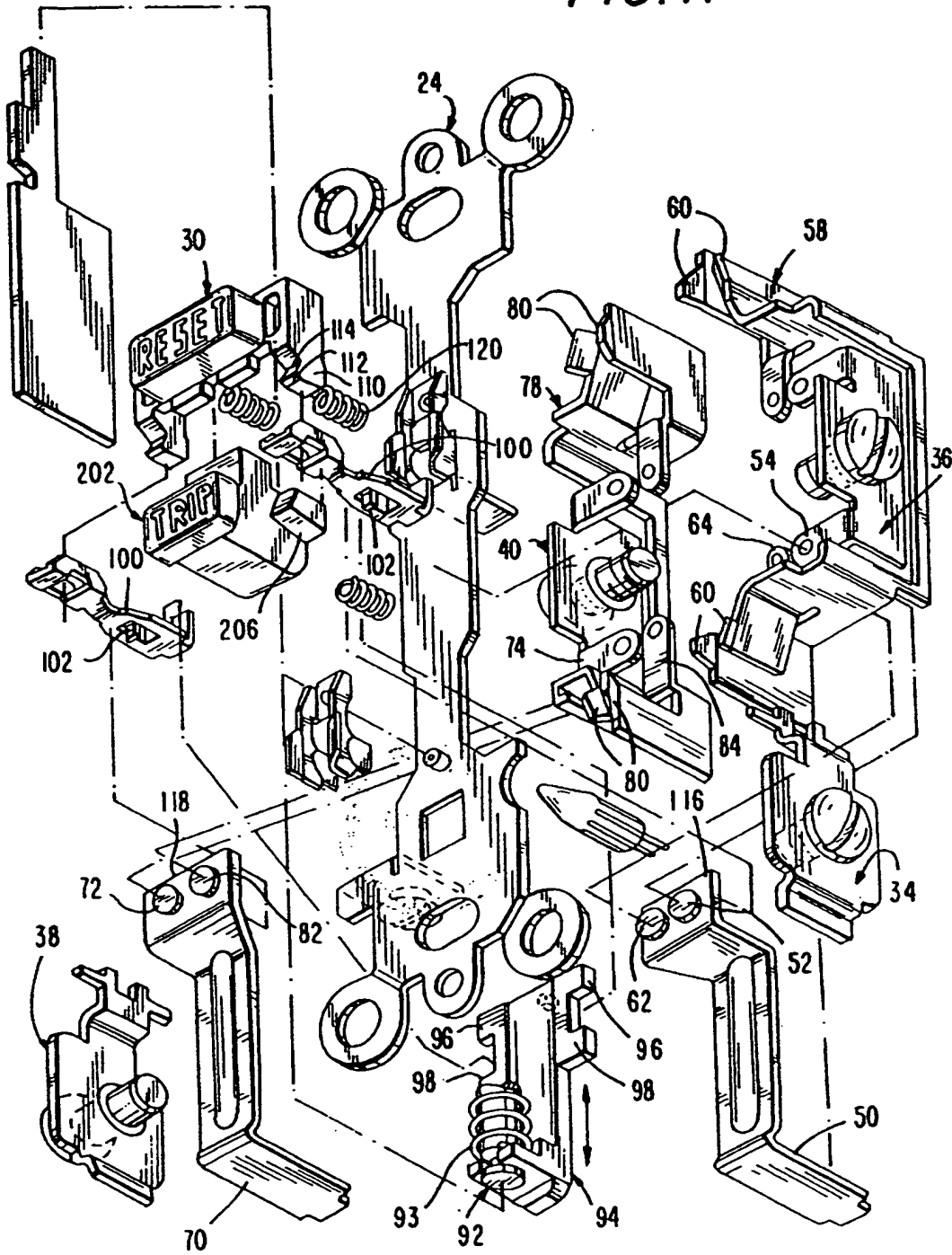


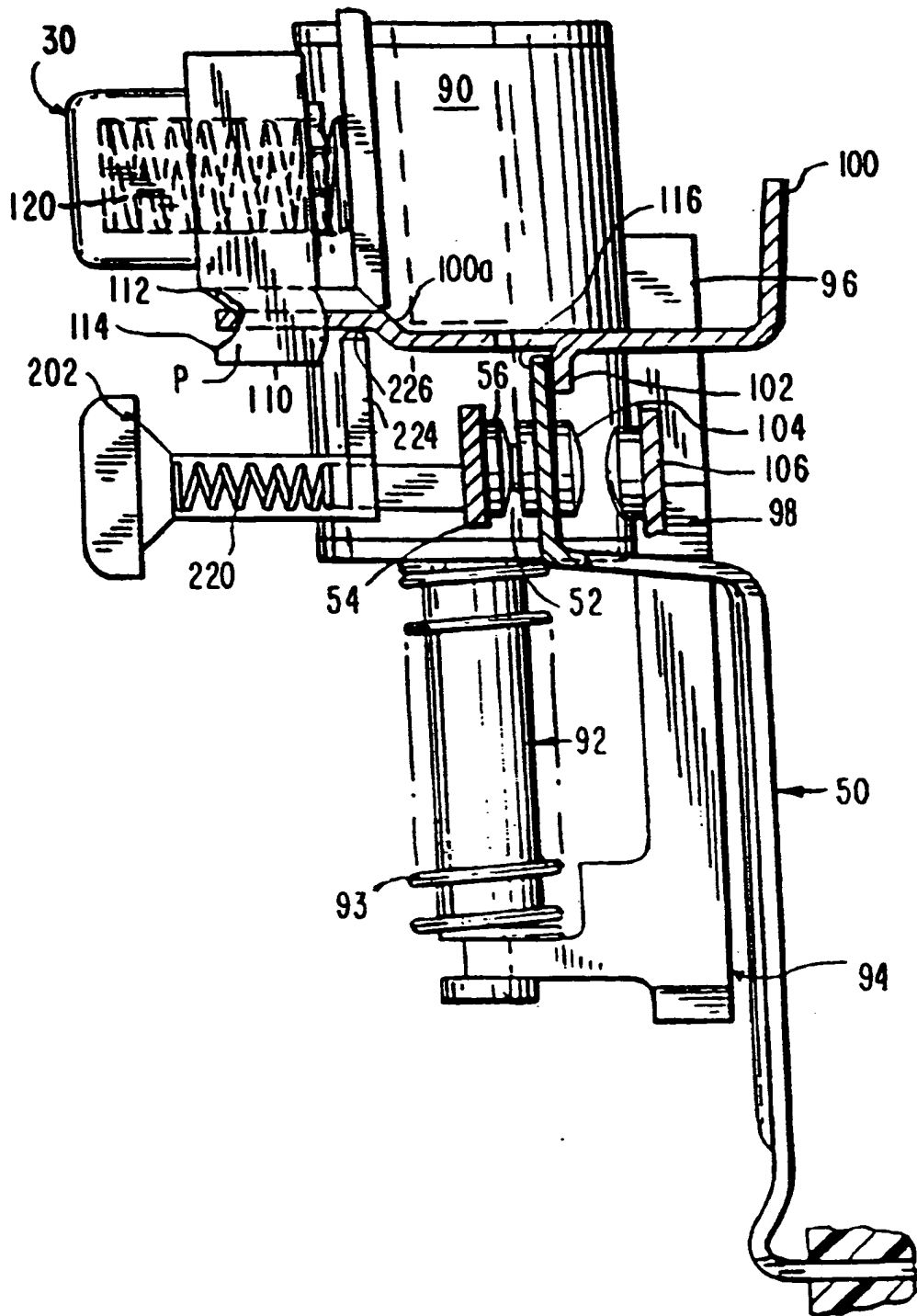
FIG. 17



**FIG. 18**

The diagram illustrates a power supply circuit. A transformer (T1) has a primary winding connected to a 240V AC source (36) and a secondary winding connected to a load (40). The secondary winding is also connected to a bridge rectifier (D1, D2, D3, D4) and a filter capacitor (C1). The rectifier output is connected to a microcontroller IC-1 (pins 1-8). The microcontroller is also connected to a reset button (30) and a switch (34). The circuit includes various components labeled with reference numerals: 36, 40, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240.

FIG. 19



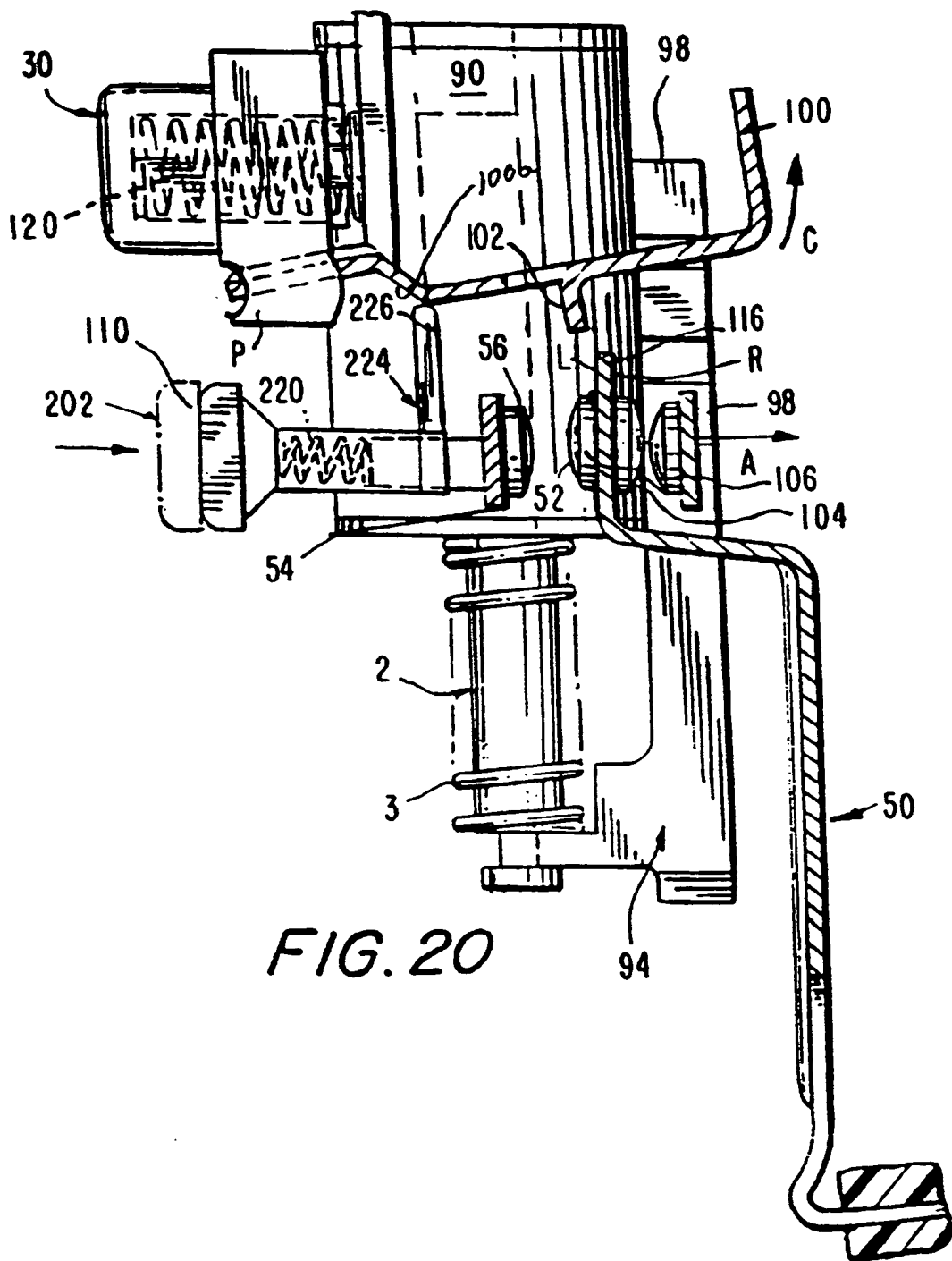
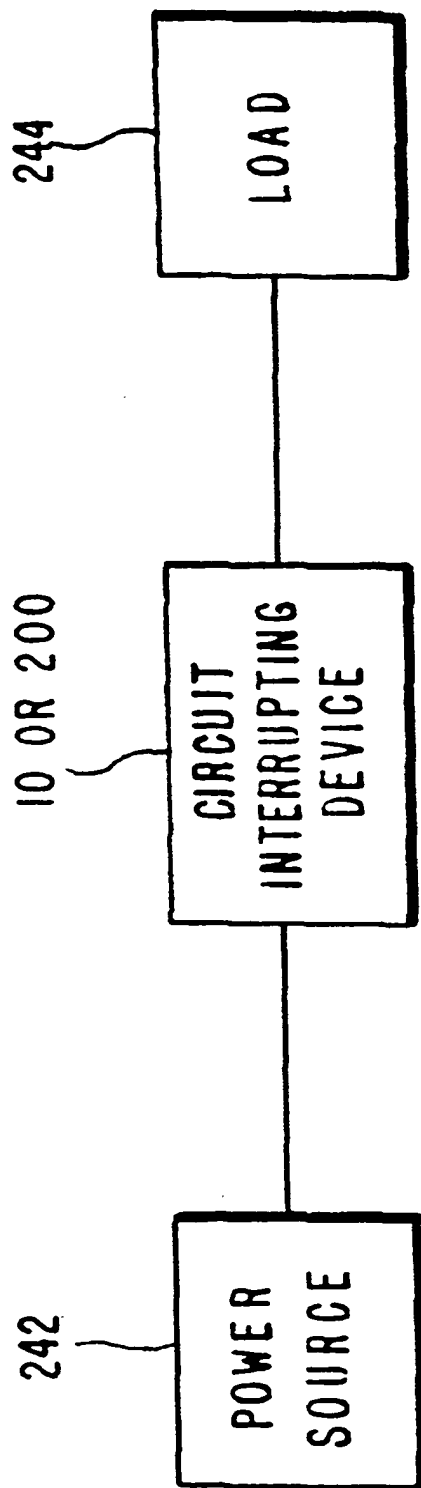


FIG. 20

FIG. 21

240



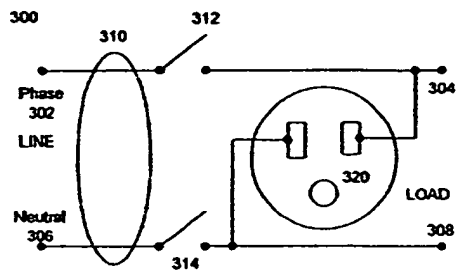


Fig. 22a  
Prior Art

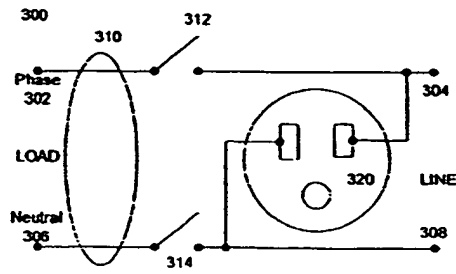


Fig. 22b  
(Prior Art)

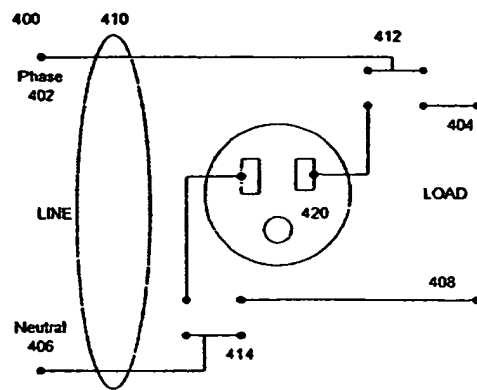


Fig. 23a

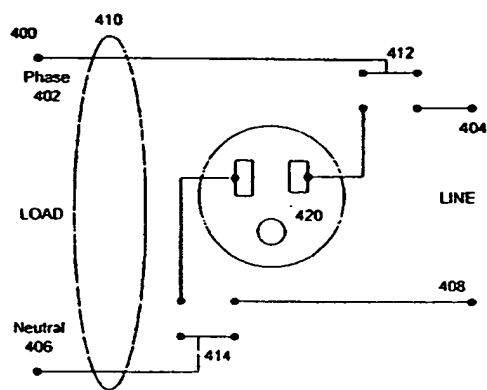


Fig. 23b

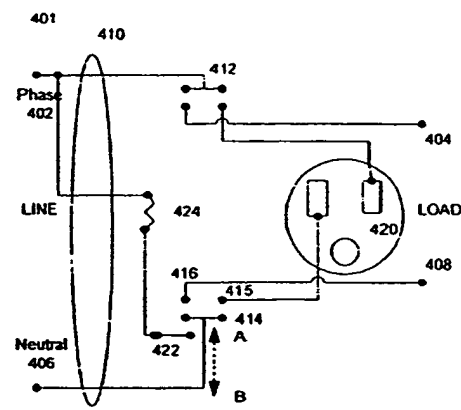


Fig. 24a

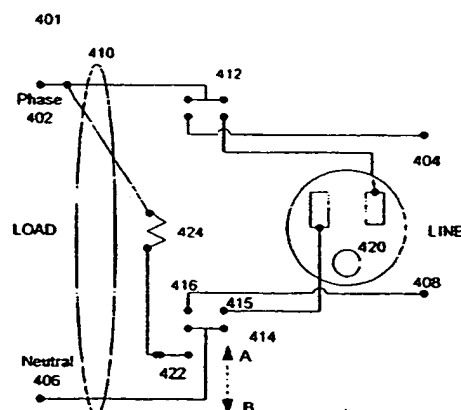


Fig. 24b

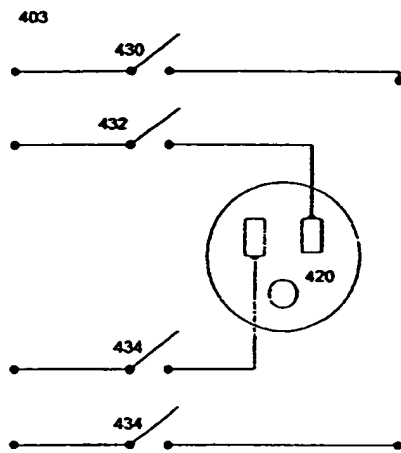


Fig. 25a

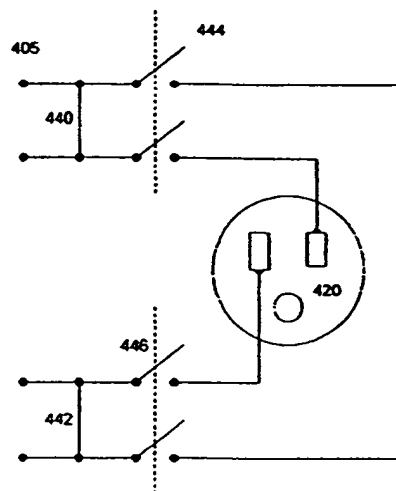


Fig. 25b

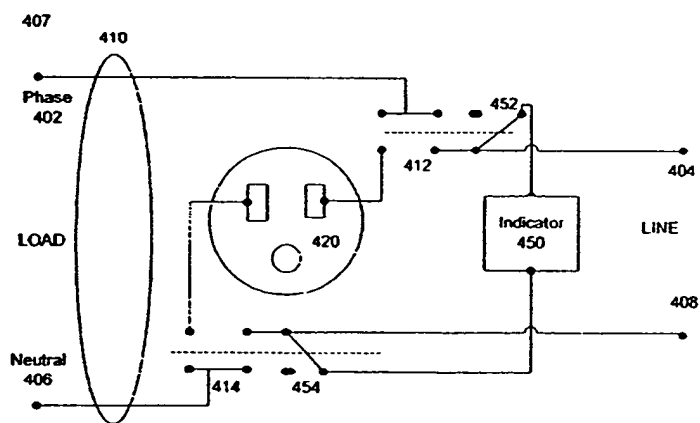


Fig. 26

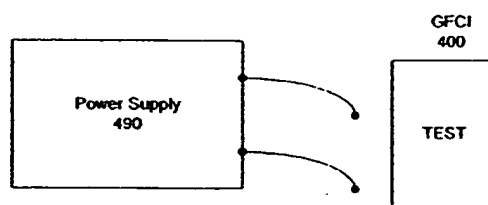


Fig. 27



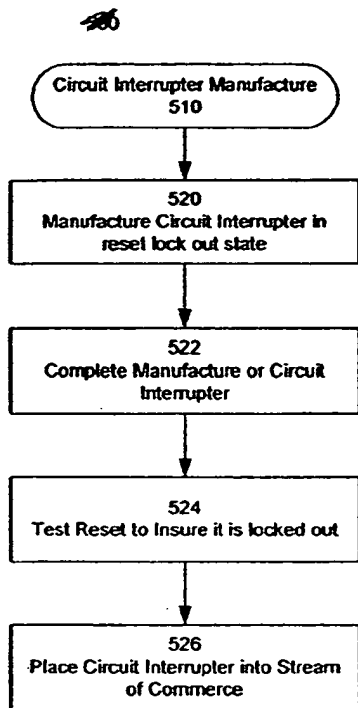


Figure 28a

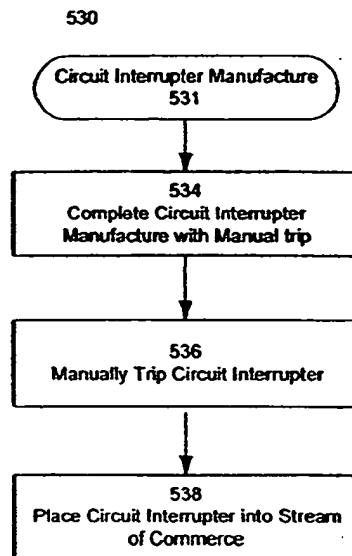


Figure 28b

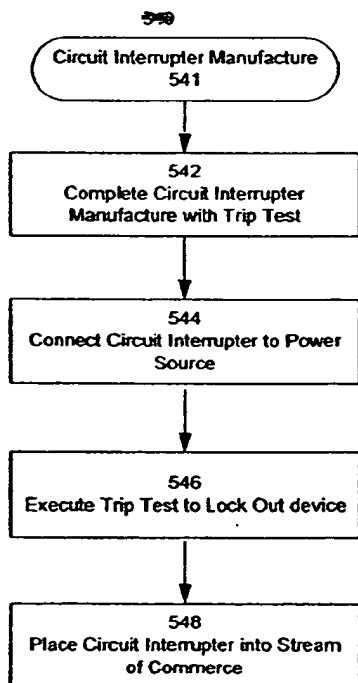


Figure 28c

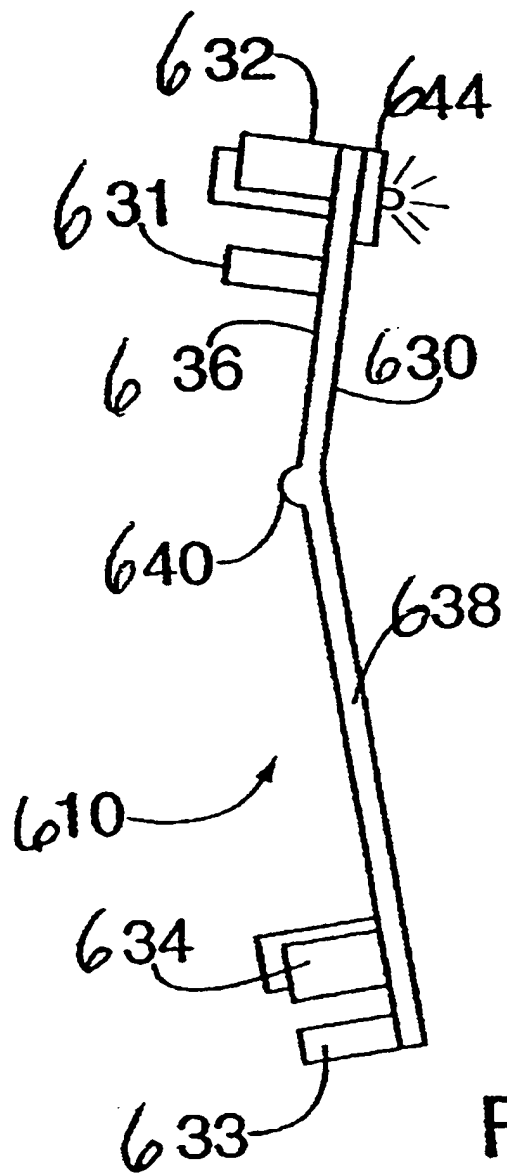


FIG. 29

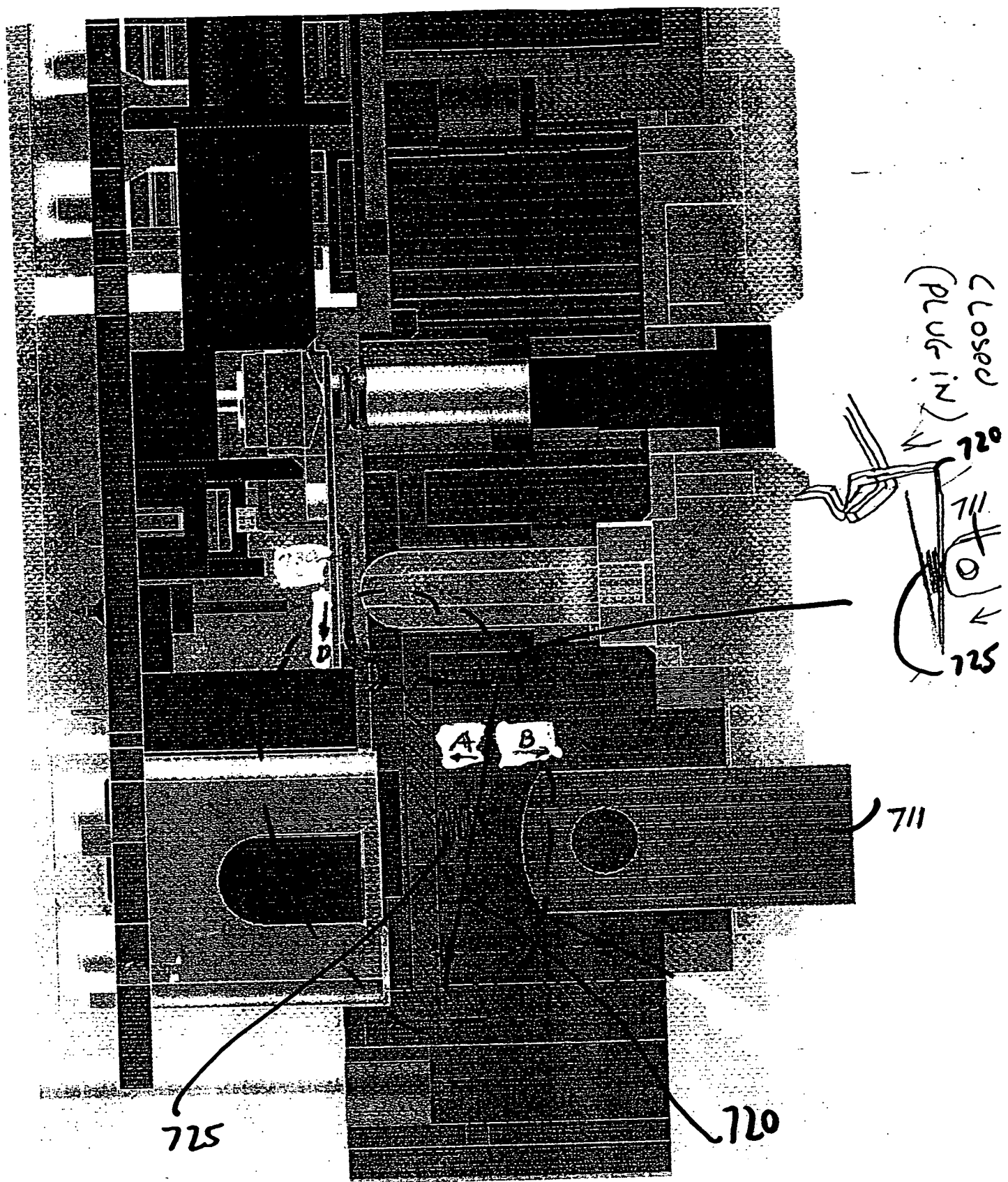


Fig. 30

Fig. 31

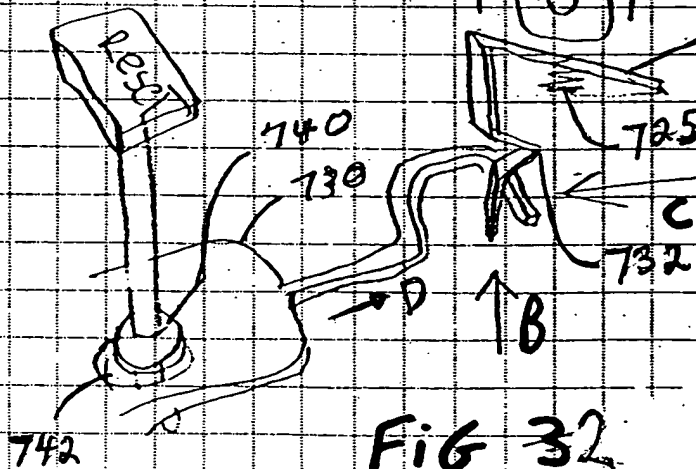
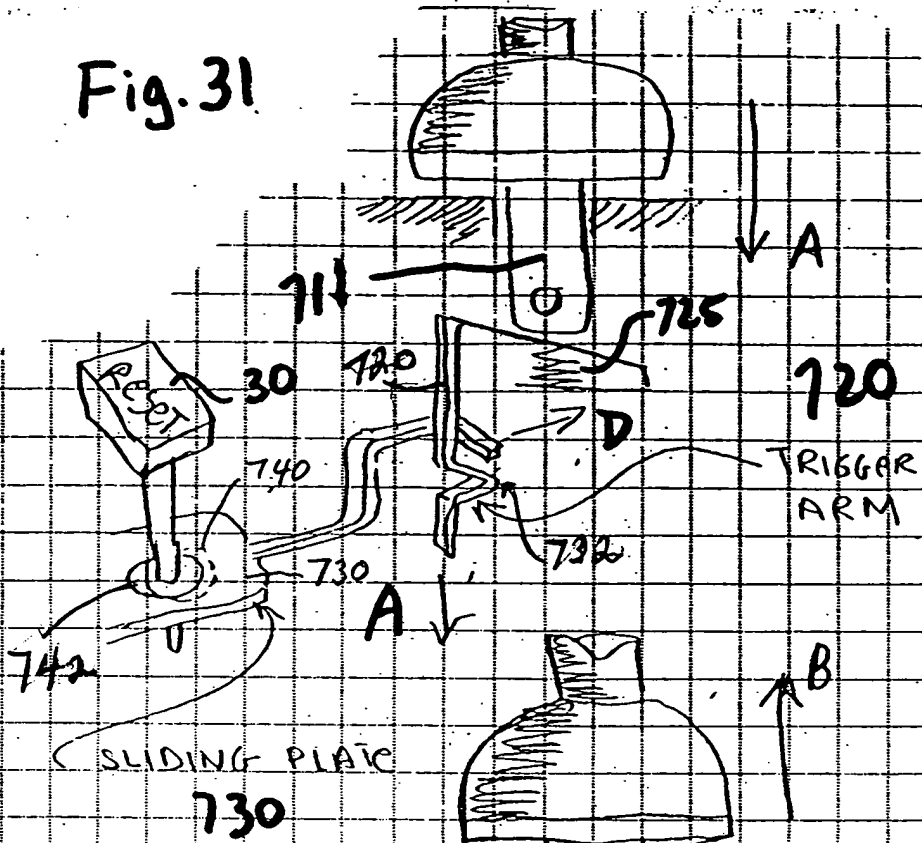
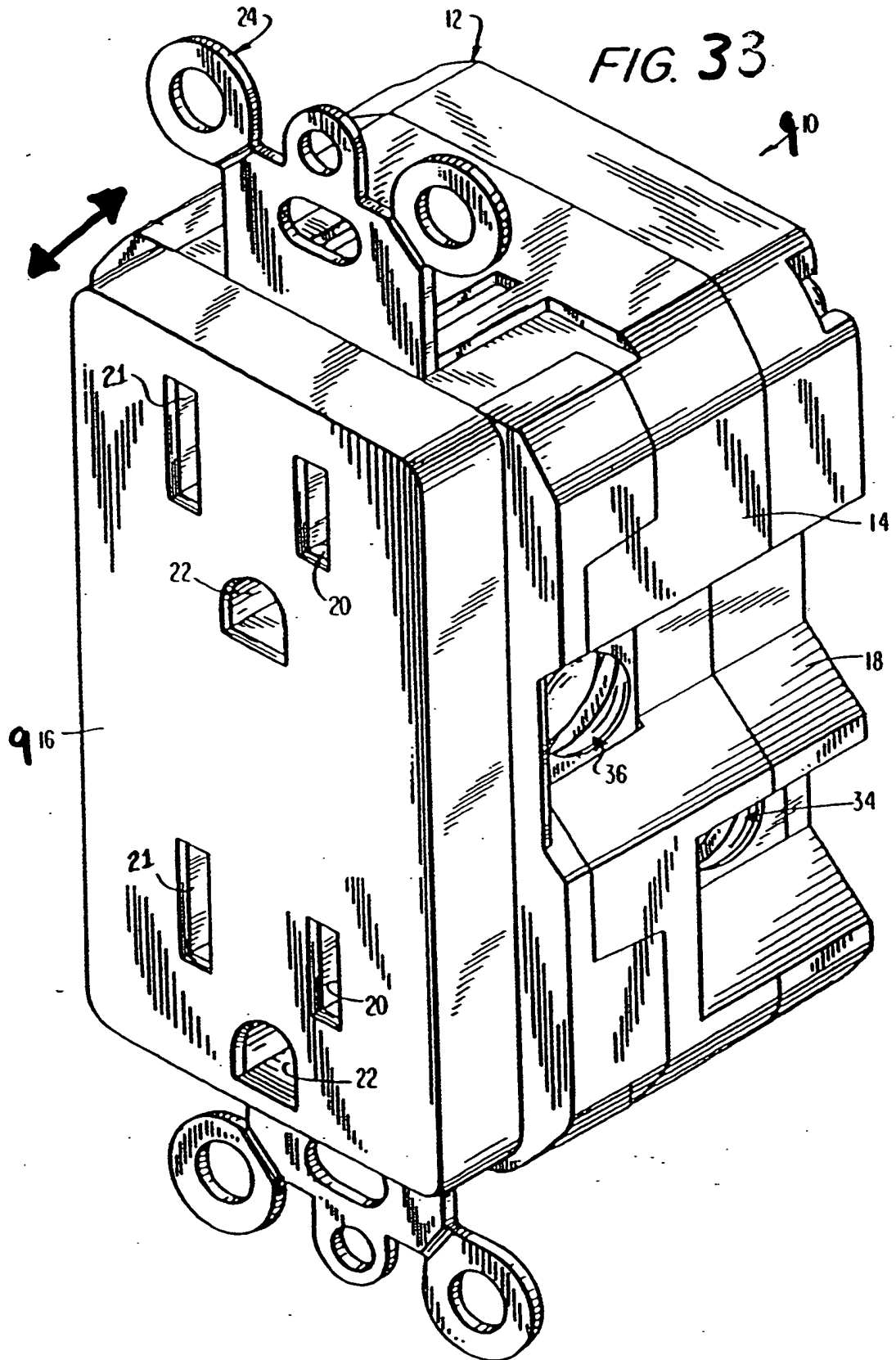


FIG 32

FIG. 33



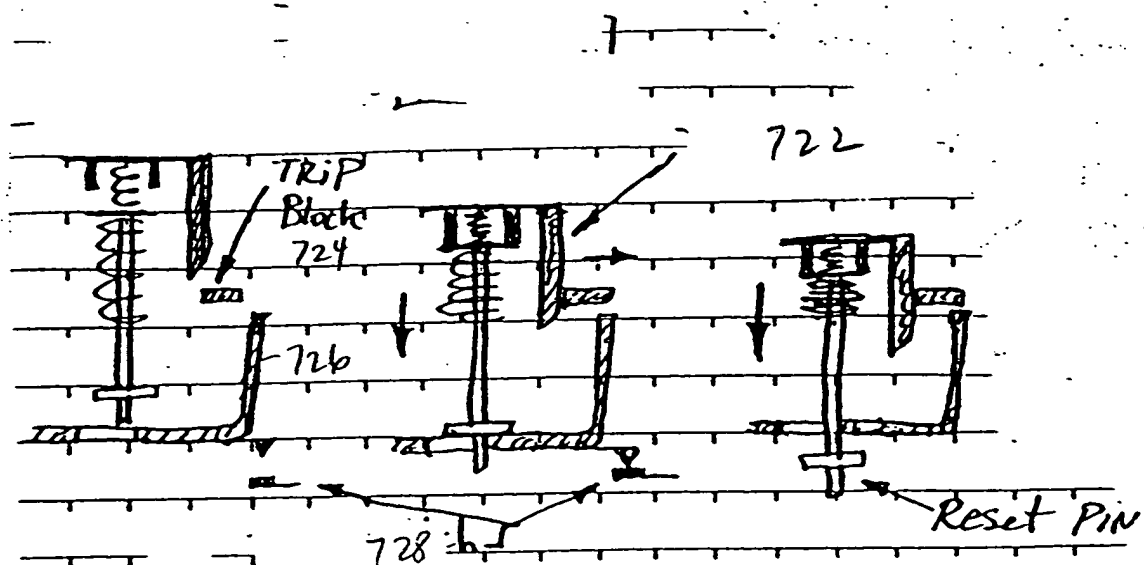


FIG. 34a

FIG. 34b

FIG. 34c

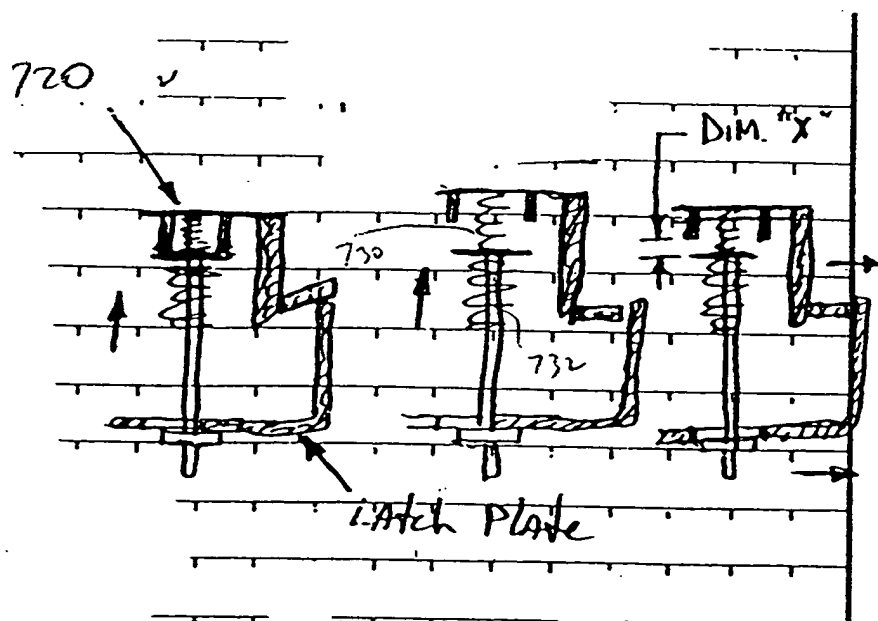


FIG. 34d

FIG. 34e

FIG. 34f

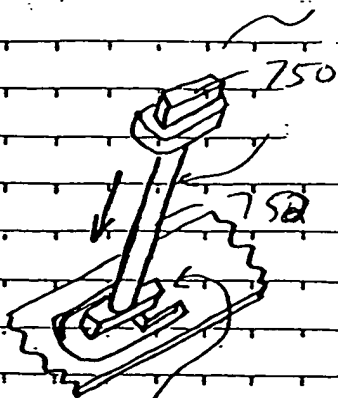


FIG. 35a

LOCK  
OUT

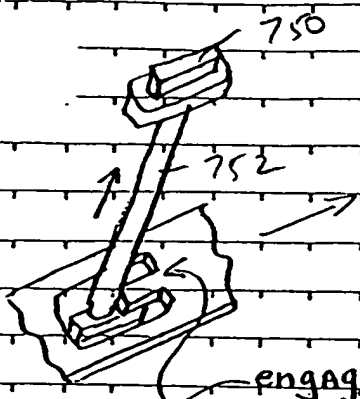


FIG. 35b

engagement

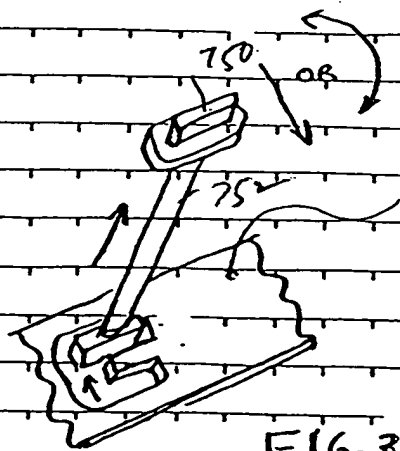


FIG. 35c

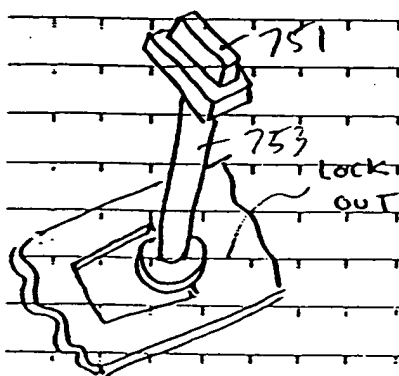


FIG. 35d

LOCK  
OUT

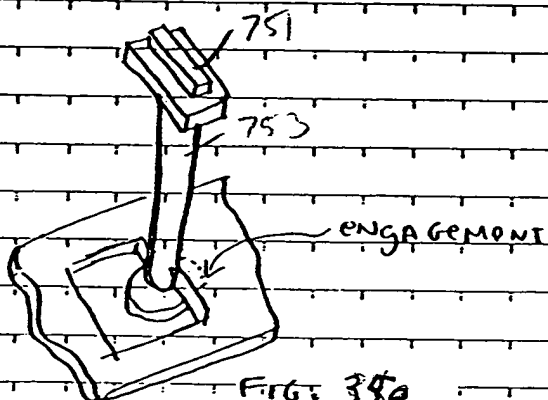


FIG. 35e

engagement

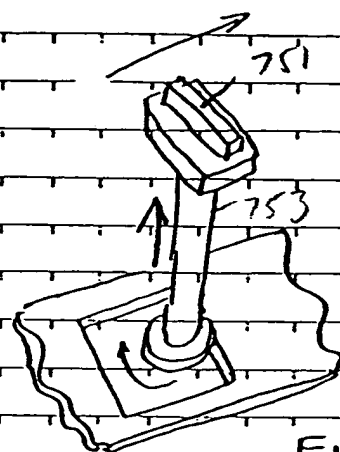


FIG. 35f